WHAT IS CLAIMED IS:

1. A cellular phone for multiple way call, comprising:

IR device, the IR device being activated when the cellular phone is in connection with a base station for conveying speeches with a plurality of second cellular phones nearby each having the IR device so that the cellular phone is able to carry out multiple way call with the second cellular phones via the base station or vice versa.

2. The cellular phone of claim 1, further comprising a speaker coupled to the cellular phone from outside so that speeches conveyed by the cellular phone can be broadcasted by means of the speaker.

3. The cellular phone of claim 1, wherein the cellular phone further comprises an LCD module and a microprocessor for showing processed data on an LCD of the cellular phone by means of the LCD module.

4. The cellular phone of claim 3, wherein the cellular phone further comprises a power management module, the power management module being controlled by the microprocessor to supply power of a battery of the cellular phone to each component of the cellular phone.

5. The cellular phone of claim 4, wherein the cellular phone further comprises a SIM card module having a SIM slot so that the microprocessor is adapted to communicate codes stored on a SIM card inserted in the SIM slot with a base station of a telephone company.

6. The cellular phone of claim 5, wherein the cellular phone further comprises an RF module including an antenna, a speaker, and a microphone, the RF module being controlled by the microprocessor to activate the antenna for receiving RF signals transmitted from the base station of the telephone company, and the RF signals being converted into sound signals which are converted into sound prior to amplifying by the speaker or the RF module being controlled by

the microprocessor to convert speeches of a call into sound waves which are converted into RF signals, and the RF signals being transmitted to the base station of the telephone company via the antenna.

7. The cellular phone of claim 6, wherein the cellular phone further comprises a SRAM so that the microprocessor is adapted to store processed data in the SRAM for carrying out a time division multiplex processing.

8. The cellular phone of claim 7, wherein the cellular phone further comprises a flash RAM so that the microprocessor is adapted to either store user input data in the flash RAM or read data from the flash RAM.

9. The cellular phone of claim 8, wherein the cellular phone further comprises a ROM so that the microprocessor is adapted to read stored programs from the ROM and process the same by executing the programs.

10. The cellular phone of claim 9, wherein the cellular phone further comprises a music module so that in response to reading music signals from the flash RAM by the microprocessor, the music module is controlled by the microprocessor to broadcast the music signals from the speaker.

11. The cellular phone of claim 10, wherein the cellular phone further comprises a keypad so that it is capable of either operating keys of the keypad to input data or making a call.